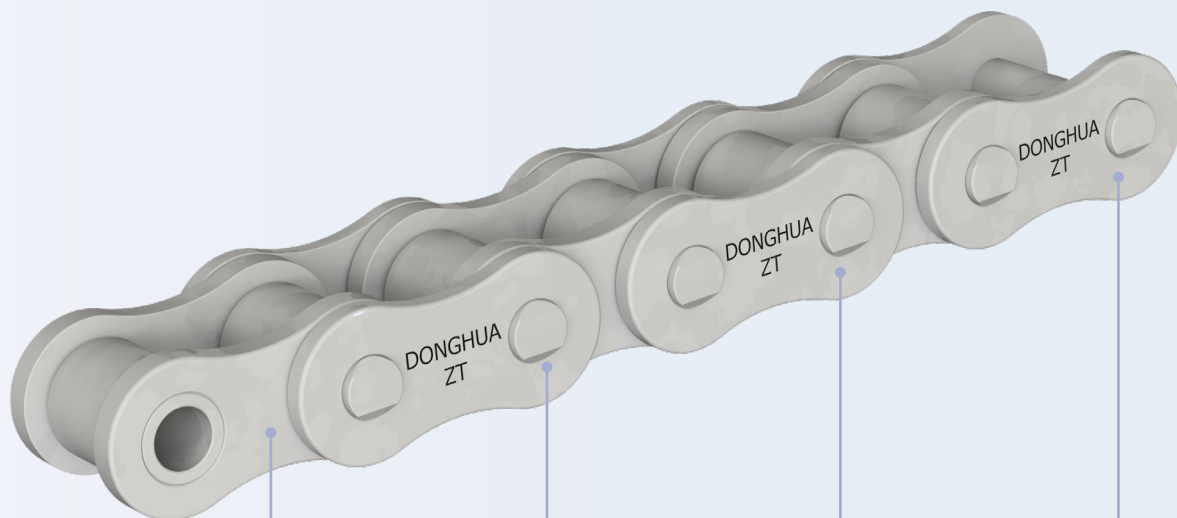




Alu-zinc flakes coating

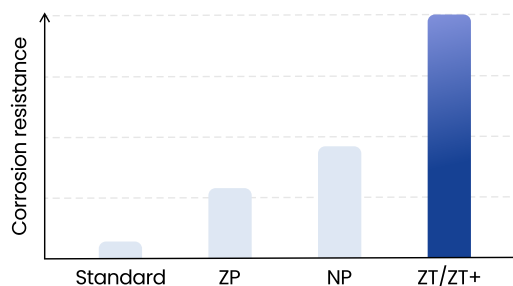
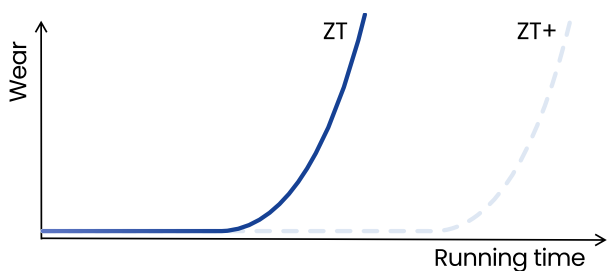
Shot peened parts

Extremely long corrosion resistance

Self-recovering layer

ZT (Zin-Tek)

Donghua ZT chains feature a Zinc Aluminium coating that offers superior corrosion resistance in harsh environments, outperforming standard zinc or nickel coatings. Free from harmful metals but not suitable for food contact, they are ideal for demanding outdoor and industrial applications.

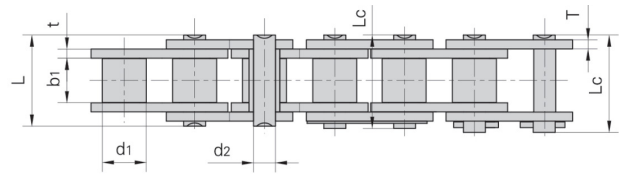
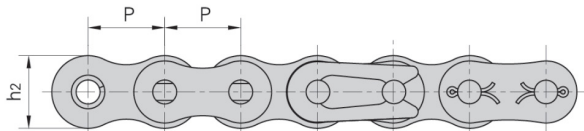


Technical highlights

- Corrosion resistance for over 1000 hours salt spray test
- No reduction in maximum allowable working and breaking loads
- Superior resistance to wet and salt-damp environments
- Chemical resistance to a variety of acids and alkalis
- High cathodic corrosion protection without the risk of hydrogen embrittlement
- Standard pre-lubrication with DH-1 (temperature range -5 to 80 °C)
- Alternative lubricants available for special applications upon request
- Free from hexavalent Chromium VI
- Self-recovering corrosion layer
- Alternative lubricants available for special applications upon request

Industries

- Food processing (no contact)
- Packaging industry
- Extreme outdoor applications
- Wood processing industry
- Recycling
- Fruit and vegetables sorting
- Canning
- Agriculture



Donghua Chain no.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Tensile strength			Weight per meter
									Acc. to ISO 606	Acc. to Donghua		
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F min	F min	F Average	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kN
BS-Simplex												
04B-1ZT	6,000	4,00	2,80	1,85	6,80	7,80	5,00	0,60	3,00	3,00	3,20	0,11
05B-1ZT	8,000	5,00	3,00	2,31	8,20	8,90	7,10	0,80	5,00	5,30	5,90	0,20
#06BZT	9,525	6,35	5,72	3,28	13,15	14,10	8,20	1,30	9,00	9,40	10,40	0,41
O83	12,700	7,75	4,88	3,64	11,70	13,10	10,46	1,10	9,00	11,6	12,0	13,00
08BZT	12,700	8,51	7,75	4,45	16,70	18,20	11,80	1,60	18,00	18,0	19,40	0,69
10BZT	15,875	10,16	9,65	5,08	19,50	20,90	14,70	1,70	22,40	24,80	27,50	0,93
12BZT	19,050	12,07	11,68	5,72	22,50	24,20	16,00	1,85	29,00	29,00	32,20	1,15
16BZT	25,400	15,88	17,02	8,28	36,10	37,40	21,00	4,15/3,1	60,00	69,40	77,10	2,71
20BZT	31,750	19,05	19,56	10,19	41,30	45,00	26,40	4,5/3,5	95,00	101,50	112,80	3,70
24BZT	38,100	25,40	25,40	14,63	53,40	57,80	33,20	6,0/4,8	160,00	160,20	178,00	7,10
28BZT	44,450	27,94	30,99	15,90	65,10	69,50	36,70	7,5/6,0	200,00	212,80	236,40	8,50
32BZT	50,800	29,21	30,99	17,81	66,00	71,00	42,00	7,0/6,0	250,00	250,00	277,50	10,25
40BZT	63,500	39,37	38,10	22,89	82,20	89,20	52,96	8,50/8,0	355,00	355,00	394,00	16,35
ANSI-Simplex												
40ZT	12,700	7,95	7,85	3,96	16,60	17,80	12,00	1,50	14,10	16,70	18,60	0,62
50ZT	15,870	10,16	9,40	5,08	20,70	22,20	15,09	2,03	22,20	28,20	31,30	1,02
60ZT	19,050	11,91	12,57	5,94	25,90	27,70	18,00	2,42	31,80	38,90	43,20	1,50
80ZT	25,400	15,88	15,75	7,92	32,70	35,00	24,00	3,25	56,70	66,90	74,30	2,60
100ZT	31,750	19,05	18,90	9,53	40,40	44,70	30,00	4,00	88,50	96,80	107,60	3,91
120ZT	38,100	22,23	25,22	11,10	50,30	54,30	35,70	4,80	127,00	146,80	163,10	5,62
140ZT	44,450	25,40	25,22	12,70	54,40	59,00	41,00	5,60	172,40	200,30	222,50	7,50

*Bush chain: d1 in the table indicates the external diameter of the bush

#Straight side plates



A
Outer Link



B
Inner Link



C
Double Offset Link



E
Connecting Link Spring



L
Single Offset Link



S
Connecting Link Cotter

Notes

- Duplex & Triplex chains are available in all sizes.
- Double pitch conveyor chains are available on request.
- Attachment and extended pins are available on request.
- Chains with straight side plates are available.
- Different sizes are available on request.

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